BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Land-based Studies Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 41: Wildlife Ecology and Conservation Management
Learning aim(s)	**B** Carry out field studies into wildlife populations and their habitats for the purpose of planning for wildlife management **C** Undertake practical wildlife and conservation management to affect biodiversity
Assignment title	**Wildlife Population Field work and Conservation**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as an ecologist in the local area and have been asked to assess wildlife populations in an environment. You must carry out field work to gather primary research, which you will use to plan for further conservation.
Task 1	You must carry out field studies into wildlife populations and their habitats for the purpose of planning for wildlife management. Your field work will be completed for a given environment. <u>Report</u> Produce a survey report, using survey, monitoring and other research information to develop animal- and habitat-specific plans to manage a wildlife population, including maps, task lists, cost–benefit analysis and schedules. <u>Management tasks</u> Complete habitat management tasks according to a habitat management plan. Tasks should demonstrate safe practice and the correct use of tools. Evidence that demonstrates management tasks for habitat change and rehabilitation, could include a photo log, signed witness statements and/or observation record(s).
Checklist of evidence required	A survey report and supporting documents.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
BC.D2	Justify a specific habitat or rehabilitation plan using survey and monitoring data.
BC.D3	Evaluate the impact of the rehabilitation plan and tasks carried out on biodiversity and the wildlife habitat.
B.M2	Analyse survey and monitoring data to produce, for a named animal species, a located habitat management or rehabilitation plan.
C.M3	Demonstrate appropriate techniques for habitat management and wildlife rehabilitation, adapting techniques for changing circumstances.
B.P3	Perform wildlife habitat surveys and monitor wildlife populations.
B.P4	Prepare a clear located habitat management or rehabilitation plan for a named animal, using the findings of habitat and animal population surveys.
C.P5	Demonstrate the proficient completion of habitat management tasks in accordance with an agreed plan.
C.P6	Demonstrate, under supervision, wildlife rehabilitation in accordance with an agreed plan.

Sources of information to support you with this Assignment	**Books** Sangera. P, (2019). *Ecology: Cohesive, Concise, yet Comprehensive Introduction for Students and Professionals*. UK: Amazon Media. Begone. M, et al. (2006*). Ecology: From Individuals to Ecosystems*. 4th ed. London: John Wiley & Sons. ISBN-13: 978-1405111171. Wheater, C.P. (2011). *Practical Field Ecology*. London: Wiley. ISBN-13: 978-0470694299. **Journals/Magazines** *Inside Ecology (insideecology.com)* *Behavioral Ecology and Sociobiology* **Websites** The ecologist (theecologist.org) Biome Ecology (biomeecology.com)